

Model no. 1780

# IptDataLogging® V6



IptDataLogging® is a professional and extensive software for administration of all tests for quality control of plastic products in your lab. From a starting view, which shows all the current status of all connected testers at a glance, to a detailed view for each device, all views may be adjusted according to your needs.

## CONFIGURATION OPTIONS

- > Chart recorder feature for graphical presentation of reading values such as pressure, temperature, force
- > Language setting supporting all fonts including (i.e. Chinese, Arabian, Japanese, Russian etc.)

## TEST SPECIMENS MANAGEMENT

- > Simplified creation of new tests by selection of templates or copies
- > Overlay of test stations with virtual stations for easy management of several specimens at one station

## STATUS MANAGEMENT

- > Laboratory overview
- > Overview of all connected units

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## FEATURES

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### Software architecture

IptDataLogging® is 64 bit, supports the utf8 coding and is based on the well established QT library. Data storage takes place in an SQL-database (default: MySQL), which can be located on one of the clients or on a central server. Each client shows all the current status of all devices immediately and independent of the client, which communicates with the equipment. Communication with the equipment is executed by a system service. Thus the data exchange functions without log-on.

### Data architecture

Each test/sample consists of parameters, results and recording data (e.g. pressure record), which are defined by the device where the test is designated to run. In addition to this, each test/sample may be described by a set of fields, which may be freely administrated by the user of the software. Finally, tests may be grouped into projects.

### View organisation

You are free to group the registered equipment into logical labs. For all stations, each lab and each device, there are individual views available. Each view represents a list of stations with additional grouping capabilities (e.g. free stations, running stations, finished tests). Finally, you are free to show values out of the data sets above (parameters, results, records, description, projects).

### Reporting

IptDataLogging® comes with a fully functional report designer and, for your convenience, with a set of pre defined reports. The layout of a report is language independent. So, you may generate reports in different languages. The software also provides a very powerfull search dialog for generating lists of tests.

### Language support

In general, all languages are supported. It comes with a set of predefined languages, but the user is free to create additional translations.

### Safety

This version contains a complete safety system, which automatically registers the user name and the client name. For each user and client a database wide rule is automatically created. Depending on the licence, customized access levels for each unit and user may be defined.

### Updates

Depending on the licence, IPT provides updates on our website, which may be automatically downloaded and installed after the user has accepted them.

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<b>VERSION V6</b>	<b>IPT User-Interface</b>	<b>DL6 Standard</b>	<b>DL6 Professional</b>
Database licence	Lifetime	Lifetime	Lifetime
Actuality (including updates) - Hotline support - Remote support (facility, training, etc.)	12 months	12 months	12 months
Selection of languages	✓	✓	✓
Number of clients / workstations	1	1	1-3
Additional clients	-	+	+
Access levels management: - User based	-	✓	✓
Access levels management: - PC based	-	✓	✓
Access levels management: - Unit based	-	-	✓
Access levels management: - Web interface	-	-	✓
Occurrence-controlled scripts (e.g. upon status change of parameters)	-	-	✓

#### DATA MANAGEMENT

	SQLite and MySQL (if already installed at facility)	MySQL	MySQL, Postgres, Oracle, DB2, Interbase or via ODBC
Supported database formats			
Advanced database search	-	✓	✓
Secondary databases	-	-	Max. 9
File import via ODBC (MS Excel, Access, ...)			
Manual import	-	-	✓
Occurrence-controlled file import	-	-	✓
Time-controlled file import	-	-	✓

#### DATA RELAYING - FILE EXPORT VIA (MS EXCEL, ACCESS,...)

Manual export	✓	✓	✓
Occurrence-controlled file export	-	✓	✓
Time-controlled file export	-	✓	✓
Occurrence-controlled file export and email sending	-	-	✓
Time-controlled file export and email sending	-	-	✓

✓ included

+ available/optional

○ eligible

- not available

\* available upon request

VERSION V6	IPT User-Interface	DL6 Standard	DL6 Professional
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## UNITS COMMUNICATION AND VISUALIZATION

Chart recording feature for graphical presentation of reading values such as pressure, temperature, force	✓	✓	✓
Units converter metric / imperial system	✓	✓	✓
Parameter templates Simplified creation of new tests by selection either of templates or copies – parameter transfer to the units	✓	✓	✓
Definition of status colors	✓	✓	✓
Description templates (Management of specimen description templates with user-definable fields)	-	✓	✓
Embedding and management of pictures and video recordings of the test	-	✓	✓
Virtual connections Virtual partition of a test station to simulate distribution racksituations for individual results files each specimen	-	max. 3	max. 30

## REPORTING

Manual	✓	✓	✓
Occurrence-controlled report printout	-	✓	✓
Time-controlled report printout	-	✓	✓
Occurrence-controlled report printout and mail sending in PDF format	-	-	✓
Time-controlled report printout and mail sending in PDF format	-	-	✓
Report designer, report layout management and listing by means of embedded template designer	✓	✓	✓

## SOFTWARE MODULES

Hydrostatic/burst	+	+	+
Temperature cycling	-	+	+
Tensile creep tests (FNCT)	+	+	+
MFR/MVR	-	+	+
Dynamic pressure testing	-	+	+
Falling weight	-	+	+
Virtual units	-	+	+

✓ included

+ available/optional

○ eligible

- not available

\* available upon request

## SYSTEM REQUIREMENTS

		IPT User-Interface	DL6 Standard	DL6 Professional
Operating system			Microsoft Windows 10 Professional (64 bit)	
Processor performance	recommended		Intel® Core™ i7 oder AMD Ryzen™ 5	
Working memory	at least		8GB	
Drive	at least		1 x CD-ROM-drive	
Hard disc capacity	recommended		≥ 500 GB SSD	
Screen resolution	at least		≥ 1280 x 1024 px	
Connection to the internet			mandatory	

## NETWORK

Ports local area network (LAN)	at least	2 x
Bandwidth	at least	1 GBit

## USB

Ports	at least	4 x
Standard	at least	2.0

Please note that if the data shall be recovered from IptDataLogging® V4, MS Office 32Bit should not be installed on the machine.